EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	937	257/421.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:15
S2	2617	257/295.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:18
S3	29	257/E43.001.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:22
S4	371	257/E43.005.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:26
S5	24	257/E29.167.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:32
S6	191	257/E29.323.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:32
S7	3829	(S1 or S2 or S3 or S4 or S5 or S6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:33
S8	1	S7 and (wall$1motion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:34
S9	24	S7 and (wall motion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 14:53
S10	14	S9 and antiparallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:00

S11	80	ferromagnet$5 and wall motion and antiparallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:05
S12	35	S11 and intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:10
S13	61	S11 and (intermediate or third)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:10
S14	28	S11 and (intermediate or third) layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:11
S15	4	S11 and ((intermediate or third) layer near magnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:14
S16	5	"3717504".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:24
S17	3	"3840898".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:30
S18	0	switching a spin valve back and forth by current-induced domain wall motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:31
S19	0	switching a spin valve back and forth	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/01 15:31
S20	174	("4103315").URPN.	USPAT	ADJ	ON	2008/12/01 15:34
S21	0	S20 and spin transfer	USPAT	ADJ	ON	2008/12/01 16:54
S22	95	S20 and spin	USPAT	ADJ	ON	2008/12/01 16:54
S23	50	S22 and antiparallel	USPAT	ADJ	ON	2008/12/01 16:56
S24	24	S23 and wall	USPAT	ADJ	ON	2008/12/01 16:57
S25	0	S23 and wall motion	USPAT	ADJ	ON	2008/12/01 16:58
S26	0	S23 and wall-motion	USPAT	ADJ	ON	2008/12/01

						16:58
S27	13	(US-7005852-$ or US-6713195-$ or US-6724652-$ or US-3576552-$ or US-5331728-$ or US-4103315-$ or US-3717504-$ or US-3840898-$ or US-5134533-$ or US-5390061-$ or US-6807031-$ or US-6456467-$ or US-6437949-$).did.	USPAT	ADJ	ON	2008/12/02 09:54
S28	2	S27 and GaAs	USPAT	ADJ	ON	2008/12/02 09:55
S29	7	S27 and Mn	USPAT	ADJ	ON	2008/12/02 09:56
S30	3	S27 and pulse	USPAT	ADJ	ON	2008/12/02 11:06
S31	939	257/421.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S32	2621	257/295.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S33	29	257/E43.001.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S34	371	257/E43.005.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S35	24	257/E29.167.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S36	191	257/E29.323.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S37	3835	(S31 or S32 or S33 or S34 or S35 or S36)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S38	135	S37 and domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S39	112	S38 and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:55
S40	94	S39 and (three or third or intermediate)	US-PGPUB; USPAT;	ADJ	ON	2008/12/02 13:56

			EPO; JPO; DERWENT; IBM_TDB			
S41	31	S39 and (three or third or intermediate) layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:56
S42	31	S39 and ((three or third or intermediate) layer or magnetic trilayer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:58
S43	31	S39 and (((three or third or intermediate) layer or magnetic trilayer) or three ferromagnetic layers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 13:59
S44	2	"20030209770"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 14:15
S45	18	ferromagnetic and ("In.sub.x")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 14:25
S46	0	ferromagnetic and ("In.sub.x" "Mn.sub.x")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 14:26
S47	5	("In.sub.x" and "Mn.sub.x")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 14:26
S48	106	("In.sub.x" and Mn)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 14:27
S49	5	("In.sub.x" and Mn) and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 14:27
S50	4	current induc$3 (domain wall or DW) motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:45
S51	4	current induced (domain wall or DW) motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:46
S52	519	(domain wall or DW) motion	US-PGPUB; USPAT;	ADJ	ON	2008/12/02 15:46

			EPO; JPO; DERWENT; IBM_TDB			
S53	282	S52 and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:46
S54	68	S53 and (three or third or intermediate) layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:46
S55	20	S37 and domain wall motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:50
S56	21	S37 and domain wall (motion or movement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:52
S57	14	(US-20030209770-$).did. or (US-7005852-$ or US-6713195-$ or US-6724652-$ or US-3576552-$ or US-5331728-$ or US-4103315-$ or US-3717504-$ or US-3840898-$ or US-5134533-$ or US-5390061-$ or US-6807031-$ or US-6456467-$ or US-6437949-$).did.	US-PGPUB; USPAT	ADJ	ON	2008/12/02 15:55
S58	519	domain wall motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:56
S59	282	S58 and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:56
S60	75	S53 and ((three or third or intermediate) layer or trilayer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 15:57
S61	1606	magnetic domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:16
S62	658	S61 and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:16
S63	188	S62 and (((three or third or intermediate) layer or magnetic trilayer) or three ferromagnetic layers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/02 16:16
S64	55	S63 and antiparallel	US-PGPUB; USPAT;	ADJ	ON	2008/12/02 17:03

			EPO; JPO; DERWENT; IBM_TDB			
S65	1606	magnetic domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/03 14:42
S66	658	S65 and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/03 14:42
S67	188	S66 and (((three or third or intermediate) layer or magnetic trilayer) or three ferromagnetic layers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/03 14:42
S68	55	S67 and antiparallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/03 14:42
S69	15	S68 and different material	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/03 14:42
S70	16	(US-20030209770-$ or US-20010007532-$).did. or (US-7005852-$ or US-6713195-$ or US-6724652-$ or US-3576552-$ or US-5331728-$ or US-4103315-$ or US-3717504-$ or US-3840898-$ or US-5134533-$ or US-5390061-$ or US-6807031-$ or US-6456467-$ or US-6437949-$ or US-6169646-$).did.	US-PGPUB; USPAT	ADJ	ON	2008/12/04 14:17
S71	1	"5734605".pn.	US-PGPUB; USPAT	ADJ	ON	2008/12/04 14:34
S72	2	"5734605".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 16:28
S73	2	"5768181".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 16:28
S74	2	"5294287".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/04 16:29
S75	1	("2003/0209770").URPN.	USPAT	ADJ	ON	2009/07/08 16:42
S76	94	ferromagnet$5 and (wall near10 move) and antiparallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:44
S77	127	ferromagnet$5 and (wall near10 move) and	US-PGPUB;	ADJ	ON	2009/07/13

		anti$1parallel	USPAT; EPO; JPO; DERWENT; IBM_TDB			09:46
S78	1028	257/421.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S79	2718	257/295.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S80	38	257/E43.001.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S81	416	257/E43.005.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S82	30	257/E29.167.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S83	251	257/E29.323.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S84	4072	(S78 or S79 or S80 or S81 or S82 or S83)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S85	4072	S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S86	150	S85 and domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:46
S87	9842	257/81,82,116,117,432-437,457,459,749,421-422.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:51
S88	59	S87 and ferromagnet$5 and (anti$1parallel or anti$1ferromagnet$5) and domain wall and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:51
S89	70	S87 and ferromagnet$5 and domain wall and current	US-PGPUB;	ADJ	ON	2009/07/13

			USPAT; EPO; JPO; DERWENT; IBM_TDB			09:53
S90	4	("5629549" | "5652445" | "5962905").PN. OR ("6696737").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 09:54
S91	75	S87 and domain wall and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:55
S92	303	S87 and domain and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:55
S93	25	S92 and (\domain same move)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:56
S94	25	S92 and (domain same move)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:56
S95	7246	257/295,E43.001-E43.007,E27.005-E27.006,E27.008,E29.164,E29.167,E29.272,E29.323.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:58
S96	1208	S95 and domain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:59
S97	87	S96 and (domain same move)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 09:59
S98	895	S96 and S96 and ferromagnet$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:00
S99	586	S98 and anti$1parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:00
S100	577	S99 and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:02
S101	20	("4949039" | "5134533" | "5251088" | "5343422" | "5411814" | "5432373" | "5461308" | "5475550" | "5508867").PN. OR ("5835003").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:04

S102	1	"6834005".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:10
S103	32	("20020101761" | "20030107833" | "20030128460" | "3333255" | "3369225" | "3611328" | "3846770" | "3868659" | "3997885" | "4075612" | "4075613" | "4080591" | "4192012" | "4199819" | "4250565" | "4253160" | "4253161" | "4410963" | "5650958" | "5729410" | "5801984").PN. OR ("6834005").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:10
S104	1	"20030197984"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:12
S105	0	S104 and domain wall	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:12
S106	1	S104 and domain	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:12
S107	0	2004/0136232	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:13
S108	1	"20040136232"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:13
S109	2	"20050018478"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:13
S110	2	"20050207073"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:14
S111	341	S100 and free layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:15
S112	80	S111 and domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:15
S113	0	"6,023,395.pn",	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:17
S114	2	"6,023,395".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:17
S115	118	("3623038" | "5018037" | "5390061" | "5416353" | "5432734" | "5465185" | "5528440" | "5695864" | "5726837" | "5729410" | "5898547").PN. OR ("6023395").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 10:17
S116	80	S111 and domain near (wall or spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	ADJ	ON	2009/07/13 10:20

			IBM_TDB			
S117	80	S111 and domain near5 (wall or spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:20
S118	116	S111 and domain same (wall or spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 10:31
S119	320	S100 and (domain wall or spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:03
S120	208	S119 and free layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:04
S121	3796	365/158,173,171.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:46
S122	2362	S121 and ferromagnet$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:46
S123	1748	S122 and anti$1parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:46
S124	489	S123 and domain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:46
S125	147	S124 and domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 11:47
S126	2388	(antiparallel with ferromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:24
S127	184	S126 and domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:24
S128	137	S126 and (domain wall and mov$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT;	ADJ	ON	2009/07/13 14:25

			IBM_TDB			
S129	142	S126 and (domain wall and (mov$5 or motion or displac$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:25
S130	135	S129 and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:26
S131	61	S129 and (domain same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:26
S132	4463	(antiparallel with $4magnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:28
S133	172	S132 and (domain wall and (mov$5 or motion or displac$5)) and (domain same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:28
S134	20	("3818328" | "5206590" | "5432373" | "5541868" | "5629549" | "5654566" | "5721654" | "5793697" | "5872368" | "5929636" | "6031273" | "6064083" | "6114719" | "6297987").PN. OR ("6624490").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 14:33
S135	1	"20030209770" and "same"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 14:38
S136	1751	emitter and base and collector and ferromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:07
S137	84	S136 and ((emitter or base or collector) same antiparallel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:08
S138	41	S137 and domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:10
S139	11	S137 and domain near10 wall	US-PGPUB; USPAT;	ADJ	ON	2009/07/13 15:11

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S140	2	"6005798".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:13
S141	142	S126 and (domain wall and (mov$5 or motion or displac$5 or creep))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:16
S142	14	S129 and (domain wall with current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:18
S143	51	S129 and Barkhausen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:19
S144	284	S126 and ((domain wall and (mov$5 or motion or displac$5)) or Barkhausen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:20
S145	249	S126 and ((domain wall with (mov$5 or motion or displac$5 or shift) or Barkhausen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:24
S146	81	S126 and (((domain wall with (mov$5 or motion or displac$5 or shift)) or Barkhausen) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:24
S147	20	S126 and ((domain wall with (mov$5 or motion or displac$5 or shift)) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:33
S148	63	"5768181"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 15:38
S149	2	"5768181".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	ADJ	ON	2009/07/13 15:38

			IBM_TDB			
S150	51	("5173873" | "5465185" | "5640343").PN. OR ("5768181").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 15:39
S151	6	S150 and domain wall	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 15:40
S152	43	(antiparallel with ferromagnetic) and ((domain wall with (mov$5 or motion or displac$5 or shift)) same2 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:03
S153	76	(antiparallel same ferromagnetic) and ((domain wall with (mov$5 or motion or displac$5 or shift)) same2 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:34
S154	43	(antiparallel same ferromagnetic) and ((domain wall with (mov$5 or motion or displac$5 or shift)) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:34
S155	62	(anti$1parallel with ferromagnetic) and ((domain wall same (mov$5 or motion or displac$5 or shift)) same2 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:41
S156	28	(anti$1parallel with ferromagnetic) and ((domain wall with (mov$5 or motion or displac$5 or shift)) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:41
S157	9842	257/81,82,116,117,432-437,457,459,749,421-422.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:42
S158	19	S157 and ((domain wall with (mov$5 or motion or displac$5 or shift)) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:42
S159	10	S157 and ((domain wall with (mov$5 or motion or displac$5 or shift)) same current) and antiparallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:44
S160	8	S157 and S153	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:44
S161	7246	257/295,E43.001-E43.007,E27.005-E27.006,E27.008,E29.164,E29.167,E29.272,E29.323.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:51
S162	31	S161 and ((domain wall with (mov$5 or motion or displac$5 or shift)) same current) and antiparallel	US-PGPUB; USPAT;	ADJ	ON	2009/07/13 16:51

			EPO; JPO; DERWENT; IBM_TDB			
S163	104	257/E27.006	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:52
S164	313	257/E27.006.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:53
S165	36	257/E27.006.ccls. and anti$1parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:53
S166	1	S165 and domain wall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 16:54
S167	86	magnet$6 and (anti$1parallel same2 ferromagnet$6) and ((domain wall with (mov$5 or motion or displac$5 or shift) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 18:09
S168	156	magnetoresistive and ((domain wall with (mov$5 or motion or displac$5 or shift) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 18:12
S169	0	"360".ccls. and ferromagnetic$5 and ((domain wall with (mov$5 or motion or displac$5 or shift) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 18:15
S170	83	"360".clas. and ferromagnetic$5 and ((domain wall with (mov$5 or motion or displac$5 or shift) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 18:15
S171	118	anti$1parallel and ferromagnetic$5 and ((domain wall with (mov$5 or motion or displac$5 or shift) same current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/13 18:16
S172	46	(US-20030209770-$ or US-20010007532-$ or US-20040089905-$ or US-20060102969-$ or US-20090135644-$ or US-20030197984-$ or US-20080080234-$ or US-20070278603-$).did. or (US-7005852-$ or US-6713195-$ or US-6724652-$ or US-3576552-$ or US-5331728-$ or US-4103315-$ or US-3717504-$ or US-3840898-$ or US-5134533-$ or US-5390061-$ or US-6807031-$ or US-6456467-$ or US-6437949-$ or US-6169646-$ or US-5734605-$ or US-5768181-$ or US-5294287-$ or US-5835003-$ or US-4476454-$ or US-5432373-$ or US-5343422-$ or US-5702831-$ or US-6834005-$ or US-5701223-$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:18

		5729410-$ or US-6090498-$).did. or (US-6438026-$ or US-6023395-$ or US-7359163-$ or US-7184300-$ or US-7110287-$ or US-5923504-$ or US-5565695-$ or US-5747859-$ or US-5686838-$ or US-5958611-$ or US-5966323-$ or US-6812537-$).did.				
S173	30	S172 and domain wall	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:18
S174	12	S172 and (domain wall same current)	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:19
S175	779	(domain wall same current)	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:22
S176	372	S175 and memory	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:22
S177	266	S176 and ferromagnetic	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:22
S178	154	S177 and anti$1parallel	US-PGPUB; USPAT	ADJ	ON	2009/07/13 18:22
S179	15	("20020105827" | "20030007398" | "20030059588" | "20040100855" | "5695864" | "6201673" | "6532164" | "6603678" | "6649960" | "6829161").PN. OR ("7110287").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/13 18:27
S180	2	"6005798".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/16 09:55
S181	50	(US-20030209770-$ or US-20010007532-$ or US-20040089905-$ or US-20060102969-$ or US-20090135644-$ or US-20030197984-$ or US-20080080234-$ or US-20070278603-$ or US-20050136600-$).did. or (US-7005852-$ or US-6713195-$ or US-6724652-$ or US-3576552-$ or US-5331728-$ or US-4103315-$ or US-3717504-$ or US-3840898-$ or US-5134533-$ or US-5390061-$ or US-6807031-$ or US-6456467-$ or US-6437949-$ or US-6169646-$ or US-5734605-$ or US-5768181-$ or US-5294287-$ or US-5835003-$ or US-4476454-$ or US-5432373-$ or US-5343422-$ or US-5702831-$ or US-6834005-$ or US-5701223-$ or US-5729410-$ or US-6090498-$).did. or (US-6438026-$ or US-6023395-$ or US-7359163-$ or US-7184300-$ or US-7110287-$ or US-5923504-$ or US-5565695-$ or US-5747859-$ or US-5686838-$ or US-5958611-$ or US-5966323-$ or US-6812537-$ or US-6829161-$ or US-6532164-$ or US-6005798-$).did.	US-PGPUB; USPAT	ADJ	ON	2011/03/26 18:00
S182	4	ohno.in. and current injection magnetic domain wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/09/13 15:01
S183	152	365/173 and domain wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/09/13 15:01

S184	124	365/173.ccls. and domain wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/09/13 15:02
S185	198	365/158.ccls. and domain wall	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/09/13 15:06
S186	2	"20030117837"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/09/13 15:10

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